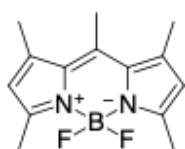


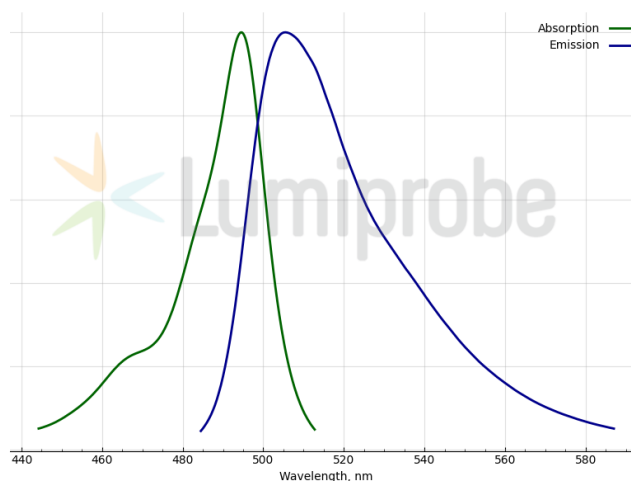
BDP® 493/503 lipid stain

<http://www.lumiprobe.com/p/bdp-493-503-lipid-stain>

BDP 493/503 is a green fluorescent borondipyrromethene dye for lipid labeling. It is used for cell membrane visualization in microscopy, as well as for staining and tracing of hydrophobic media.



Structure of BDP 493/503 lipid stain



Absorption and emission spectra of BDP 493/503

General properties

Appearance:	red to orange crystals
Molecular weight:	262.11
CAS number:	121207-31-6
Molecular formula:	C ₁₄ H ₁₇ N ₂ BF ₂
IUPAC name:	[2-[1-(3,5-dimethyl-2H-pyrrol-2-ylidene)ethyl]-3,5-dimethyl-1H-pyrrolato-N1,N2]difluoroboron
Solubility:	good in many organic solvents
Quality control:	NMR ¹ H, HPLC-MS (95%)
Storage conditions:	Storage: 24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Avoid prolonged exposure to light.
Legal statement:	This Product is offered and sold for research purposes only. It has not been tested for safety and efficacy in food, drug, medical device, cosmetic, commercial or any other use. Supply does not express or imply authorization to use for any other purpose, including, without limitation, in vitro diagnostic purposes, in the manufacture of food or pharmaceutical products, in medical devices or in cosmetic products.

Spectral properties

Excitation/absorption maximum, nm:	494
ε, L·mol ⁻¹ ·cm ⁻¹ :	85000
Emission maximum, nm:	505
CF ₂₆₀ :	0.02
CF ₂₈₀ :	0.03

BDP® is a trademark of Lumiprobe